

Rockwell Automatic Hardness Testing HR-600

810-512-23

No.	Hardness testing methods*	Initial test force N (kgf)	Test force N (kgf)
Model HR-610A	Rockwell: JIS B 7726.0:2017.0, ISO 6508.0-2.0:2015.0, ASTM E18.0-20.0 Brinell (indentation only): JIS B 7724.0:2017.0, ISO 6506.0-2.0:2017.0, ASTM E10.0-18.0 Plastic: JIS K 7202.0-2.0:2001.0, ISO 2039.0-2.0:1987.0, ASTM D785.0-08.0 [A&B] Brinell Depth Measurement HBT HBD: VDI/VDE 2616.0	Rockwell: 29.42 (3) 98.07 (10) Plastic: 98.07 (10) Brinell Depth Measurement HBT HBD: 98.07 (10) 490.3 (50)	Rockwell: 147.1 (15.0) 294.2 (30.0) 441.3 (45.0) 588.4 (60.0) 980.7 (100.0) 1471.0 (150.0) Brinell (indentation only): 49.03 (5.0) to 1839.0 (187.5) Plastic: 588.4 (60.0) 980.7 (100.0) 1471.0 (150.0) Brinell Depth Measurement HBT HBD: 612.9 (62.5) 1839.0 (187.5)

810-522-23

No.	Hardness testing methods*	Initial test force N (kgf)	Test force N (kgf)
Model HR-620A	Rockwell: JIS B 7726.0:2017.0, ISO 6508.0-2.0:2015.0, ASTM E18.0-20.0 Brinell (indentation only): JIS B 7724.0:2017.0, ISO 6506.0-2.0:2017.0, ASTM E10.0-18.0 Plastic: JIS K 7202.0-2.0:2001.0, ISO 2039.0-2.0:1987.0, ASTM D785.0-08.0 [A&B], ISO 2039.0-1.0:2001.0 Brinell Depth Measurement HBT HBD: VDI/VDE 2616.0 Vickers Depth Measurement HVT HVD: VDI/VDE 2616.0	Rockwell: 29.42 (3) 98.07 (10) Plastic: 9.807 (1), 98.07 (10) Brinell Depth Measurement HBT HBD: 98.07 (10) 490.3 (50) Vickers Depth Measurement HVT HVD: 9.807 (1)	Rockwell: 147.1 (15.0) 294.2 (30.0) 441.3 (45.0) 588.4 (60.0) 980.7 (100.0) 1471.0 (150.0) Brinell (indentation only): 9807.0 (1.0) to 2452.0 (250.0) Plastic: 588.4 (60.0) 980.7 (100.0) 1471.0 (150.0), 49.03 (5.0) 132.4 (13.5) 358.0 (36.5) 962.1 (98.1) Brinell Depth Measurement HBT HBD: 612.9 (62.5) 1839.0 (187.5) 2452.0 (250.0) Vickers Depth Measurement HVT HVD: 294.2 (30.0) 490.3 (50.0)

810-527-21

No.	Hardness testing methods*	Initial test force N (kgf)	Test force N (kgf)
Model HR-620B	Rockwell: JIS B 7726.0:2017.0, ISO 6508.0-2.0:2015.0, ASTM E18.0-20.0 Brinell (indentation only): JIS B 7724.0:2017.0, ISO 6506.0-2.0:2017.0, ASTM E10.0-18.0 Plastic: JIS K 7202.0-2.0:2001.0, ISO 2039.0-2.0:1987.0, ASTM D785.0-08.0 [A&B], ISO 2039.0-1.0:2001.0 Brinell Depth Measurement HBT HBD: VDI/VDE 2616.0 Vickers Depth Measurement HVT HVD: VDI/VDE 2616.0	Rockwell: 29.42 (3) 98.07 (10) Plastic: 9.807 (1), 98.07 (10) Brinell Depth Measurement HBT HBD: 98.07 (10) 490.3 (50) Vickers Depth Measurement HVT HVD: 9.807 (1)	Rockwell: 147.1 (15.0) 294.2 (30.0) 441.3 (45.0) 588.4 (60.0) 980.7 (100.0) 1471.0 (150.0) Brinell (indentation only): 9807.0 (1.0) to 2452.0 (250.0) Plastic: 588.4 (60.0) 980.7 (100.0) 1471.0 (150.0), 49.03 (5.0) 132.4 (13.5) 358.0 (36.5) 962.1 (98.1) Brinell Depth Measurement HBT HBD: 612.9 (62.5) 1839.0 (187.5) 2452.0 (250.0) Vickers Depth Measurement HVT HVD: 294.2 (30.0) 490.3 (50.0)